ANNOTATED WEB GUIDE
A Non-Exhaustive Guide to Informative Sites

Brought to you by the NASA Johnson Advanced Technology Integration Group, which fosters the knowledge and collaborations that advance critical technologies for human space flight.

NASA Organizations

NASA Ames Astrobionics: provides planning and assessment, definition and development, and flight and ground-based hardware development and technology transfer for biological and medical science and mission applications
www.astrobionics.arc.nasa.gov

NASA Ames Center for Health Applications of Aerospace Related Technologies: supports science, application, education, and technology development and makes NASA aerospace technologies available to the widest possible user community
http://geo.arc.nasa.gov/sge/health/chaart.html

NASA Ames Smart Systems Research Laboratory: develops innovative software solutions and tools for space and medicine
http://ssrl.arc.nasa.gov/index.html

NASA Biological & Physical Research: oversees interdisciplinary, fundamental, and applied research addressing the space environment and human exploration of space
http://spaceflight.nasa.gov

NASA Glenn Biomedical Engineering Consortium: applies expertise in fluid physics and sensor technology to crew health, safety, and performance challenges
http://microgravity.grc.nasa.gov/grcbio/bec.html

NASA Johnson Space and Life Sciences Directorate: manages and implements a broad range of applied and basic scientific research for human space flight
http://slsd.jsc.nasa.gov

NASA Johnson Technology Transfer & Commercialization Office: promotes the transfer of space technology developed by NASA for use by industry or other sector
http://technology.jsc.nasa.gov

NSBRI Smart Medical Systems Team: develops integrated, intelligent technologies for human space flight; one team in the National Space Biomedical Research Institute (NSBRI), a consortium of more than 15 academic institutions
www.nsbri.org/Research/Med_Sys.html

Learning Resources

Agency for Healthcare Research and Quality: addresses current research in the report, "Medical Informatics for Better and Safer Health Care" (# 02-0031, June 2002)

www.ahrq.gov/data/informatics/informatria.htm

Healthcare Information and Management Systems Society: provides guidance to industry for the optimal use of healthcare IT and management systems

www.himss.org

Journal of the American Medical Informatics Association: presents peer-reviewed articles in a bimonthly journal on development and application of medical informatics for patient care, teaching, research, and health care administration

www.jamia.org

NASA Life Sciences Data Archive: contains information and data from space flight experiments funded by NASA and conducted from 1961 to the present

http://lsda.jsc.nasa.gov

NASA Johnson Advanced Technology Integration: provides 100+ streaming audio talks, details on NASA technology needs, and many resources for potential NASA collaborators working in bioastronautics

http://advtech.jsc.nasa.gov

Space Medicine Grand Rounds: hosts monthly seminar series sponsored by the University of Texas Medical Branch/NASA Johnson Aerospace Medicine Residency Program; 4 years of archived seminars available

www.dsls.usra.edu/archive.html

Related Organizations

American Medical Informatics Association: dedicated to the development and use of information technologies to improve healthcare; membership includes individuals, institutions, and corporations

www.amia.org/index.html

Center for Total Access: employs applied research approach to systems evaluation in medical communications, information technologies, information management, education and training applications for healthcare solutions in military and civilian communities

www.cta.amedd.army.mil

DARPA's Information Technology Processing Office: creates a new generation of computational and information systems that possess cognitive capabilities

www.darpa.mil/ipto

NTTC Emergency Response Technology Program: carries out broad-based program for commercializing new health- and safety-related products for the emergency response community; part of National Technology Transfer Center (NTTC)

www.nttc.edu/ertProgram/default.asp

Medical Informatics and Technology Applications Consortium: develops, evaluates, and promotes information and medical technologies for space flight and ground applications; leverages telemedicine, medical informatics and medical technology through partnerships with industry and other government agencies

www.meditac.com

National Medical Technology Testbed: funds the development of a comprehensive suite of deliverable technologies that improve military and civilian health care delivery; identifies, evaluates, and provides federal funding to researchers throughout the country

http://llu.edu/llumc/nmtb/index.html

NCRR Biomedical Technology Research and Research Resource: supports infrastructure development for new and existing instrumentation, software development, and biomedical technology; element of National Institutes of Health

www.ncrr.nih.gov/biomedical_tech.asp

Telemedicine and Advanced Technology Research Center: manages core research development test and evaluation and Congressionally-mandated projects in telemedicine and advanced medical technologies; element of US Army Research and Materiel Command

www.tatrc.org

Funding Opportunities

Community of Science Funding Opportunities: identifies funding information for research, collaborative activities, conferences, fellowships, and more; lists more than 23,000 records *(institution or organization subscription may be required)*

http://fundingopps2.cos.com

NASA Research Opportunities: lists all past, current, and future solicitations for biological and physical research and development

research.hq.nasa.gov/code_u/code_u.cfm

NASA SBIR and STTR Program: publishes solicitations and resources for small business concerns interested in conducting innovative research and developing technologies that meet NASA needs and benefit the commercial sector

sbir.gsfc.nasa.gov

Learn more about the Advanced Technology Integration Group at http://advtech.jsc.nasa.gov

Ambrosia Maye
ambrosia.r.maye1@jsc.nasa.gov

Alyssa Mueller
sarah.a.mueller1@jsc.nasa.gov

Don Stilwell
donald.j.stilwell@nasa.gov